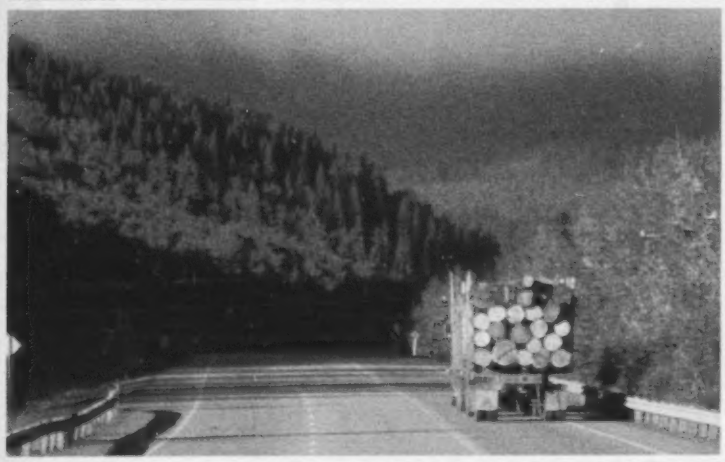

INDUSTRY PROFILES

Forestry and Logging with Support Activities

July 2011

Government of Alberta
Employment and Immigration

Overview:

The Forestry and Logging with Support Activities industry[1] in Alberta includes establishments that:

- produce seedlings in specialized nurseries;
- grow or harvest timber on a long production cycle (10 years or more); and
- provide related support services.

Section A: Business Environment
1. 2010 Employment and Unemployment Numbers and Rates
2. Industry Growth
3. Size of Businesses in Alberta and the Industry
Section B: Human Resources Profile
1. Occupational Information
2. Demographics: Age and Gender
3. Wages
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[1] North American Industry Classification System (NAICS) groups 113 and 1153

Section A: Business Environment

1. 2010 Employment and Unemployment Numbers and Rates:

	Alberta	Forestry and Logging with Support Activities Industry
Number of employed	2,016,600	3,400
Percent employed in the industry		0.2%
Number of unemployed	140,700	N/A
Unemployment rate	6.5%	N/A

Data Source: Labour Force Historical Review 2010, Statistics Canada
Note: N/A is reported in instances of insufficient sample size.

For more information on employment numbers or for a historical comparison, please go to the Labour Force Statistics[2] or Statistics Canada[3] websites.

2. Industry Growth:

- Employment in the Forestry and Logging with Support Activities industry is expected to grow on average 1.6% annually from 2010 to 2013.

For more information, see the *Alberta Modified Canadian Occupational Projection System (COPS) Outlook 2009 – 2013, Industry Employment Outlook*[4] online and the Alberta Learning Information Service (ALIS)[5] website's industry descriptions.

[2] See http://www.employment.alberta.ca/BI/67.html
[3] See http://www.statcan.gc.ca
[4] See http://www.employment.alberta.ca/documents/LMI/LMI-LMF_2009-13_cops.pdf
[5] See http://www.alis.alberta.ca

Trends and Outlook

According to Statistics Canada's National Economic Accounts, the Forestry and Logging with Support Activities industry accounted for approximately 0.2% of Alberta's Gross Domestic Product in 2010, the same as in 2000. The industry's share of Alberta's total employment decreased from 0.3% in 2000 to 0.2% in 2010.

Employment in 2010 was 21.4% higher than its level in 2009. Over the last ten years, employment declined form 5,400 people in 2000 to 3,400 people in 2010.

According to *Alberta Occupational Demand Outlook: 2011-2015*, employment growth in the Logging and forestry workers; Logging machinery operators; and other occupations is expected to be below 2.7%, the average for all occupations.

3. Size of Businesses in Alberta and the Industry:

Establishment Size	Alberta Businesses		Forestry and Logging, Fishing, Mining, Oil and Gas** Businesses	
	Number of Employees	%*	Number of Employees	%*
Less than 20 employees	605,200	36.2%	29,600	22.9%
20 to 99 employees	565,800	33.8%	38,300	29.6%
100 to 500 employees	309,300	18.5%	26,600	20.6%
Over 500 employees	193,200	11.5%	34,700	26.9%

Data Source: Labour Force Historical Review 2010, Statistics Canada

* Percentages may not add up to 100 due to rounding.

** Forestry and Logging with Support Activities is grouped with Fishing, Mining, Oil and Gas for establishment size.

Note: Statistics Canada's survey methodology for determining establishment size differs from the one it uses in the Labour Force Survey to determine total employment. As a result, the total number of employees by establishment size will not be the same as total employment in the industry, except by coincidence.

Section B: Human Resources Profile

1. Occupational Information:

Some examples of occupations in the Forestry and Logging with Support Activities industry include:

- forest technologist and technician;
- forester;
- logging equipment operator;
- conservation officer; and
- park warden.

For a complete listing of all occupations related to this industry as well as detailed information on education and skill requirements, visit the Alberta Occupational Profiles[6] website.

2. Demographics: Age and Gender:

According to the Labour Force Survey, the gender breakdown in the Forestry, Logging with Support Activities industry is as follows:

- women employed: 20.6%
- men employed: 2,700 people, or 79.4%

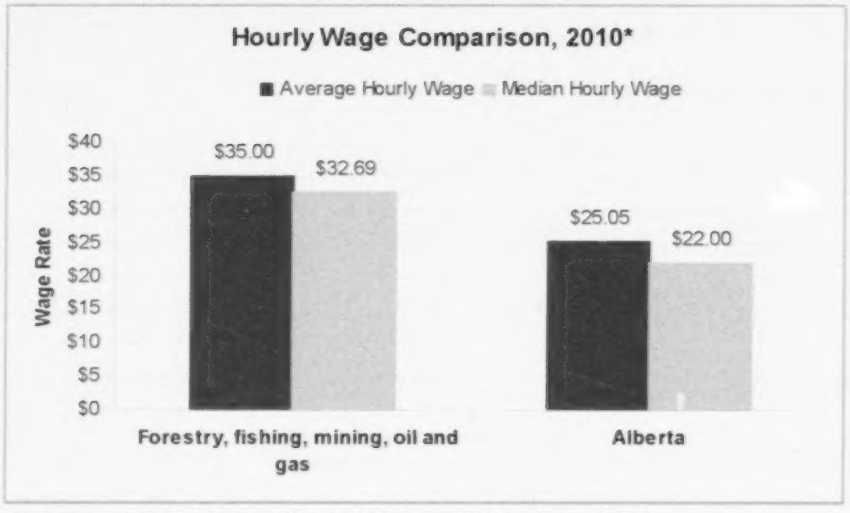
In Alberta, women accounted for 45.1% and men made up 54.9% of total employment.

Age Characteristics	Alberta Employees		Forestry and Logging with Support Activities Industry Employees	
	Number	%	Number	%
15-24 years	314,500	15.6%	N/A	N/A
25-54 years	1,381,500	68.5%	2,600	76.5%
55 years and over	320,600	15.9%	N/A	N/A

Data Source: Labour Force Historical Review 2010, Statistics Canada
Note: N/A is reported in instances of insufficient sample size.

[6] See http://www.alis.alberta.ca/occinfo

3. Wages:



Data Source: Labour Force Historical Review 2010, Statistics Canada
*Forestry and logging is grouped with fishing, mining, oil and gas because of small sample size.
Note: The average hourly wage is obtained by dividing the sum of the wages of all the employees by the total number of employees. The median hourly wage is that wage below which half the employees earn and above which half the employees earn.

Wage and Salary Information for Selected Occupations

Occupation	Average Hourly Wage			Average Annual Salary
	Starting Average	Overall Average	Top Average	
Truck driver	$ 20.01	$ 23.55	$ 27.38	$ 59,160
Forestry professional	$ 29.33	$ 35.92	$ 38.22	$ 67,779
Logging machinery operator	$ 20.03	$ 24.58	$ 28.33	$ 57,095
Conservation officer	$ 23.39	$ 26.92	$ 29.27	$ 51,494

Data Source: 2009 Alberta Wage and Salary Survey

For more information on wages, refer to the WAGEinfo[7] webpage. For job descriptions, duties, required skills and education for specific occupations in the Forestry and Logging with Support Activities industry, visit the ALIS[8] website.

[7] See http://www.alis.alberta.ca/wageinfo
[8] See http://www.alis.alberta.ca

Section C: Additional Information

Links to Selected Industry Associations:

- Alberta Forest Products Association
  (http://www.albertaforestproducts.ca)
- College of Alberta Professional Forest Technologists
  (http://www.forestechs.ab.ca)
- Resources Industry Suppliers Association
  (http://www.resourcesuppliers.com)